

SYSTEM AND METHOD FOR FACILITATING FLUID THREE-DIMENSIONAL MOVEMENT OF AN OBJECT VIA DIRECTIONAL FORCE

Abstract

Embodiments of the invention are ideally suited for use filming movies, sporting events, or any other activity that requires fluid movement of a camera or other object to any position within a defined volume of space. To accomplish such positioning embodiments of the invention are configured to move an object throughout three-dimensional space by relocating one or more lines that are feed through a plurality of opposing sides of the object. These line(s) (e.g., a cable, rope, string, cord, wire, or any other flexible connective element) which support the object from above or below the object within a volume of space are arranged in way that allows the object to be rapidly moved to and from any location within the defined volume of space. For instance, the system may be arranged to perform dimensional movement using one line configured as an endless loop, one line configured as a

half loop, two lines configured as endless loops or two lines configured as half loops. Other embodiments which split the two lines at the X and Y junctions may yield three and four rope embodiments which are in keeping with the spirit of the invention.